

ABSTRACT

In this application is described substrates for
5 high-throughput assays of clostridial neurotoxin
proteolytic activities. Two types of substrates are
described for use in assays for the proteolytic
activities of clostridial neurotoxins: (1) modified
peptides or proteins that can serve as FRET substrates
10 and (2) modified peptides or proteins that can serve
as immobilized substrates. In both types a
fluorescent molecule is present in the substrate,
eliminating the requirement for the addition of a
fluorogenic reagent. The assays described can be
15 readily adapted for use in automated or robotic
systems.